

20030316.ba v03_n465.bam.20030316

>From ???@??? Sun Mar 16 22:46:33 2003 -0600
Message-Id: <200303170446.h2H4kTJD019611@sco.theporch.com>
Date: Sun, 16 Mar 2003 22:46:19 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3465

BOATANCHORS Digest 3465

Topics covered in this issue include:

- 1) Re: Radio Archeology - NLG
by John Dilks - K2TQN <oldradio@worldnet.att.net>
- 2) Re: Radio Archeology - NLG
by William Donzelli <aw288@osfn.org>
- 3) RE: Radio Archeology - NLG
by Don Reaves W5OR <w5or@comcast.net>
- 4) Aircraft Antenna Gaskets
by WA5CAB@cs.com
- 5) Re: Radio Archeology - NLG
by Hans Jense <gjense@wanadoo.nl>
- 6) Weird problem with SX-101A
by Mike Steussy - AE4R <ae4r@erols.com>
- 7) Need T-60 enclosure
by Mike Steussy - AE4R <ae4r@erols.com>
- 8) Classic Exchange - CX
by "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>
- 9) an interesting R-388
by Joe LeKostaj <jm_lekostaj@attglobal.net>
- 10) Re: Radio Archeology - NLG
by "Don Davis" <dxguy@earthlink.net>
- 11) Re: Radio Archeology - NLG
by "ed sharpe" <esharpe@uswest.net>
- 12) DC SW-3 receiver restoration - Drafting Package.
by "R.J. Mattson" <rjmattson@hvi.net>
- 13) Use of switching power supplies near radios
by Scott Robinson <spr@earthlink.net>
- 14) RE: HP712A ps - End of the Story
by "JAMES T HANLON" <knjhanlon@msn.com>

Message-Id: <5.1.1.6.0.20030316082142.00ac4ec0@ipostoffice.worldnet.att.net>
Date: Sun, 16 Mar 2003 08:34:37 -0500
To: Old Tube Radios <boatanchors@theporch.com>
From: John Dilks - K2TQN <oldradio@worldnet.att.net>
Subject: Re: Radio Archeology - NLG

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Dick,

This is great! What a find. It would be nice if you could buy the land and building? (You have to, at least, look into this.)

It doesn't look like it would be too hard to refurbish the building, the roof looks intact. A few shingles here and there, a couple of ham radios, some wire, a cot and some food is all you'll need. We'll all come for a visit. (dreaming)

I always wanted to find the Cape May, NJ station location. I checked with my mapping program and I visited there one day while my wife was shopping nearby and found the location, I think, which is now in the remnants of a train yard. There is a new water tower where the old one was (one end of the antenna.) I have an original photo to go by, it is in an old Wireless Age.

Your work has inspired me. I'll have to GPS it one day.

73' John, K2TQN

At 07:28 PM 3/15/03 -0800, you wrote:

>Readers may remember my earlier message about radio archeology. I
>research old radio books such as the ITU List of Coast Stations and
>Aids to Navigation for information about now closed coastal radio
>stations. These references include the latitude and longitude of
>these now long silent stations. I plug these coordinates into my GPS
>receiver and follow its arrow to the site of the station. Artifacts
>that might otherwise be ignored become apparent when you know you are
>on the hallowed ground the station once occupied.

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>Coast Guard radio station at Ocean Beach. As I concentrated on the
>GPS arrow I almost walked over a small cliff! But when I looked up
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>the arrow swing right as I approached a side road. This must be it.
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>maybe a building foundation. What I actually found blew me away.
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>there and all intact. It was more than I could have hoped for.
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>See the pictures at:
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><<http://radiomarine.org/NLG/NLG-5.jpg>>
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><<http://radiomarine.org/NLG/NLG-7.jpg>>
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>would be happy to supply the coordinates.
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>Richard Dillman, W6AWO
>Member of the Maritime Radio Historical Society
><<http://www.radiomarine.org>>
>Collector of Heavy Metal:
>Harleys, Willys and Radios over 100lbs.
>=====

Date: Sun, 16 Mar 2003 10:13:20 -0500 (EST)
From: William Donzelli <aw288@osfn.org>
To: Old Tube Radios <boatanchors@theporch.com>

cc: Old Tube Radios <boatanchors@theporch.com>,
van R Field <w2oqi@optonline.net>, bmosca@backfire.com,
bill Ruck <billruck@earthlink.net>, k6joq@svn.net,
hans Jense <gjense@wanadoo.nl>, er@officeonweb.net, KLOBCHECK@aol.com
Subject: Re: Radio Archeology - NLG
Message-ID: <Pine.SUN.3.91-FP.1030316101208.11861C-100000@osfn.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

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> ship in a Morse message. Ships called the station on 500kc, then
> shifted to 375kc for the bearing.

Buy the building! Buy the building!

William Donzelli
aw288@osfn.org

Date: Sun, 16 Mar 2003 09:26:43 -0600
From: Don Reaves W5OR <w5or@comcast.net>
Subject: RE: Radio Archeology - NLG
To: Old Tube Radios <boatanchors@theporch.com>
Message-id: <000501c2ebd0\$7340b2a0\$6700a8c0@abit>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7BIT

> shifted to 375kc for the bearing.
>
> Buy the building! Buy the building!

I'll chip in, Dick!

Don W5OR

From: WA5CAB@cs.com
Message-ID: <1ea.45bdf23.2ba5f373@cs.com>
Date: Sun, 16 Mar 2003 10:34:11 EST
Subject: Aircraft Antenna Gaskets
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative;
boundary="part1_1ea.45bdf23.2ba5f373_boundary"

--part1_1ea.45bdf23.2ba5f373_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Groups,

I have a package here of nine dark gray/black gaskets for some aircraft antenna or small dome. Typical long oval or teardrop shape, measure 10" long by 5-1/2" wide. Has 1-1/8" square hole toward front and 1-1/8" wide by 2-1/8" long round ended slot toward rear. The original package they are in has a lable but all the text on it is totally faded to invisibility. Probably fits one of the football shaped DF antennas but the only one I have around is about a mile away somewhere in my storage building. \$5.00 for one, shipped CONUS PriMail in the flat envelope. If anyone wants more than one, email me off list.

Robert Downs
Houston
<wa5cab@cs.com>

--part1_1ea.45bdf23.2ba5f373_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

```
* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
*      This post contains a forbidden message format      *
*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

--part1_1ea.45bdf23.2ba5f373_boundary--

Message-ID: <3E749BC6.7381B42C@wanadoo.nl>
Date: Sun, 16 Mar 2003 16:44:06 +0100
From: Hans Jense <gjense@wanadoo.nl>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Radio Archeology - NLG
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

To me this experience sounds like the result of a happy marriage between

romance and technology. I just wonder what the next step will be: perhaps finding another coastal station... with the entire operating crew still intact and functioning, merrily pounding their keys, turning the DF wheels and greasing the Alexanderson alternators? Could be an episode in the new season for Steven Spielberg's "Taken" :-)

-- Hans, PE9HLA

Richard Dillman wrote:

>
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> Richard Dillman, W6AWO
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> <<http://www.radiomarine.org>>
> Collector of Heavy Metal:
> Harleys, Willys and Radios over 100lbs.
> =====

Message-ID: <3E749F92.4080908@erols.com>
Date: Sun, 16 Mar 2003 11:00:18 -0500
From: Mike Steussy - AE4R <ae4r@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Weird problem with SX-101A
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Ahoy! I'd like to share my experience with and solution of a very strange problem with my Hallicrafters SX-101A receiver; a one hertz chirp on any strong carrier signal. A couple of years ago, I replaced the large population of "black beauty" capacitors, wired in new Nichicon electrolytics under the chassis, and re-aligned the IF and front end. It was working well and I don't recall ever hearing the chirp.

Recently, I turned it on after months of not using it and was unpleasantly surprised to hear the chirp. Nothing I did with controls would affect it, nor did it go away when I shifted modes to AM. I could

still hear the one Hertz thump. And it was there on all bands. So last Sunday I decided to fix it, confident it wouldn't take long. It actually took a long time using an oscilloscope and checking likely tubes and capacitors. I was at the point of giving up and going to bed late that night when I stumbled on the solution. The last tube I substituted in hopes of finding the problem was V3, the 12BY7A 1st conversion oscillator. And that was it! The culprit was a brand new looking Sylvania with FD EYG markings.

Neither I nor any of my local boatanchor buddies has any idea why or how this problem occurred. In several years of reading this list, I haven't seen anything like it. Typically, it was an easy fix, though certainly not obvious to me. I'd welcome any opinions or accounts of similar problems.

73, Mike Steussy AE4R
Vienna Virginia

Message-ID: <3E74A448.60609@erols.com>
Date: Sun, 16 Mar 2003 11:20:24 -0500
From: Mike Steussy - AE4R <ae4r@erols.com>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: "Perry, Hap - WA4UPV" <perryohp3@prodigy.net>
Subject: Need T-60 enclosure
Content-Type: text/plain; charset=windows-1252; format=flowed
Content-Transfer-Encoding: 8bit

Ahoy, again! I need an enclosure for a Knight T-60 transmitter. Constructing one is a possible, but unattractive option. If anyone has a junker or just the enclosure in any condition, I would be glad to buy it.

Optional story: A few months ago, I gave my junker T-60 to my friend and fellow BA enthusiast, Hap Perry WA4UPV. It was a sad puppy, having no enclosure, a big hole in the front where the audio gain control had been, gaping holes in the chassis where a couple of tubes had been, etc.

Yesterday, he gave it back to me, now having one of his own in good condition. In the meantime and in typical fashion, he had fixed this one, at least to the point of working on CW, and put it on the air. He had also filled the front panel hole with a snap-in cover of the right size and cleaned it thoroughly. So now, I have a usable little CW rig that isn't really a junker anymore and needs an enclosure.

Also, if anyone has any suggested mods for this rig, please point me to them. I've heard it was a clicky little rig in the days when novice operators had them on the air in sizable numbers.

Thanks and 73,
Mike Steussy AE4R
Vienna Virginia

Message-ID: <20030316181715.57213.qmail@web40809.mail.yahoo.com>
Date: Sun, 16 Mar 2003 10:17:15 -0800 (PST)
From: "J.D. Mac Aulay, WQ8U" <jmac6235@yahoo.com>
Subject: Classic Exchange - CX
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="0-454608934-1047838635=:53961"

--0-454608934-1047838635=:53961
Content-Type: text/plain; charset=us-ascii

Can you believe it has been six weeks since we had all that fun in the last CX? A number of participants have sent in their scores and comments - and even some great pictures of their classic shacks/rigs. However, an even larger number have not.

The Dayton Hamvention is May 16-18. My plan is to have the CX Newsletter from the February CX available prior to the Hamvention. That way we can stand around with cold 807s in hand and speculate on CX, e.g. "How in the world did he get that score?" "Could you believe the chirp on that DX-100?" or "What happened to 10 meters?"

Soooo, how about those of you who participated getting out your logs from the February CX NOW, figuring your score and sending it in with your comments? Inputs I receive by March 31st will get in the Newsletter for sure. Later inputs are subject to the weather and band conditions.

Details and a list of those whom have already submitted are posted on the CX website

<http://qsl.asti.com/CX>

For those of you who missed the fun in February, the next CX will be in September.

73

Mac, WQ8U

Do you Yahoo!?

Yahoo! Web Hosting - establish your business online

--0-454608934-1047838635=:53961

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

```
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* * * * *
```

--0-454608934-1047838635=:53961--

Mime-Version: 1.0

Message-Id: <p04320405ba9a8199360e@[32.101.126.163]>

Date: Sun, 16 Mar 2003 14:20:50 -0600

To: Old Tube Radios <boatanchors@theporch.com>

From: Joe LeKostaj <jm_lekostaj@attglobal.net>

Subject: an interesting R-388

Content-Type: text/plain; charset="iso-8859-1" ; format="flowed"

Content-Transfer-Encoding: quoted-printable

Anchorites:

Last year I acquired an R-388/URR from the "e-place". (serial no. 246, order no. 3167-PHILA-51) I hadn't spent much time examining it, though, until recently. I was installing an original style S-meter to replace the modern square one that somebody had installed. Naturally, I dropped one of the *\$#@% hex nuts into the receiver and couldn't find it. So I removed the multitude of screws that hold the bottom cover in place and slid it off. I found the missing nut, but more interestingly I found some hand-written notes penciled onto the inside of the bottom cover. It read:

BOUGHT AUG-1966 \$262.00

THOMAS MESTMYER

PTO ALIGNED

8-68 +/- 100=97

8-72 +/- 200=97 ACROSS BAND

IF AND RF REALIGNED

3-85 +/- 2 KC ACROSS BAND

IF AND RF REALIGNED

6-88 PTO + OVERHAUL

The insides are in very good order. It seems this gentleman took very good care of the receiver during the 20 or more years that he had it. According to his notes, the PTO was true to form and developed the well-known end point calibration problem. And now in 2003 the PTO is once again in need of adjustment, hi.

I searched QRZ.com and Yahoo to find this Mr. Mestmyer, but couldn't find anyone at all with that surname. Does anyone on this reflector recognize the name?

It would be even more interesting to know how and where this R-388 was used during its Army career. (It bears a Signal Corps acceptance stamp.) Nonetheless, it's nice to know a little bit about this receiver's past.

73,
Joe K9LY

Message-ID: <026501c2ec07\$4b6dabc0\$4d1af4d8@hppav>
From: "Don Davis" <dxguy@earthlink.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Radio Archeology - NLG
Date: Sun, 16 Mar 2003 13:59:15 -0800
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

What a great picture! Just saved it as wallpaper for my computer desktop.

73s

Don AD6PB

Subject: Re: Radio Archeology - NLG

> Richard Dillman wrote:
> >
> > Readers may remember

Date: Sun, 16 Mar 2003 17:17:45 -0700
Message-ID: <001601c2ec1a\$a41e7700\$0100a8c0@SONYDIGITALED>
From: "ed sharpe" <esharpe@uswest.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "van R Field" <w2oqi@optonline.net>, bmosca@backfire.com,

"bill Ruck" <billruck@earthlink.net>, k6joq@svn.net,
"hans Jense" <gjense@wanadoo.nl>, er@officeonweb.net, KLOBCHECK@aol.com
Subject: Re: Radio Archeology - NLG
MIME-Version: 1.0
Content-Type: text/plain;
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there was a legend related to me by woody Wilson about
a old Marconi or later an rca station I seem to remember that all the
equipment had been taken out and thrown in a ravine or canyon... this was
near san Francisco as I recall... I was but a lad of 30 at the time so the
details are dim... go for it.. see what you can dig out... send me a
souvenir if a find is made....

ed sharpe archivist for smecc

----- Original Message -----

From: "Richard Dillman" <ddillman@igc.org>

To: "Old Tube Radios" <boatanchors@theporch.com>

Cc: "van R Field" <w2oqi@optonline.net>; <bmosca@backfire.com>; "bill Ruck"
<billruck@earthlink.net>; <k6joq@svn.net>; "hans Jense" <gjense@wanadoo.nl>;
<er@officeonweb.net>; <KLOBCHECK@aol.com>

Sent: Saturday, March 15, 2003 8:28 PM

Subject: Radio Archeology - NLG

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>

Message-ID: <00e801c2ec23\$f9cf0620\$eb6ddbd0@rjmattson>
From: "R.J. Mattson" <rjmattson@hvi.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <Wd4nka@aol.com>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: DC SW-3 receiver restoration - Drafting Package.
Date: Sun, 16 Mar 2003 20:24:36 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks Al,
Tomorrow the SW3 will get the road test with my lab power supply.
I have updated the schematic today with some additional information.
http://www.hvinet.com/rjmattson/DC_SW3

The drafting package can be seen/down loaded at the link below:
<http://www.qsl.net/wd4nka/TEXTS/Tubepadf.html>
Regards,
Bob Mattson...W2AMI
<http://www.qrz.com/callsign/w2ami>

----- Original Message -----
From: "Al Klase" <skywaves@bw.webex.net>
Subject: Re: DC SW-3 receiver restoration.

Hi Bob,
Your schiz appears to be spot-on compared to a vintage
drawing here. Light 'er up! What drafting package are you using?
Al

R.J. Mattson wrote:
> I have restored a DC SW-3. It is the battery version using
> 6 volt tubes. It was modified to be a pre-selector from a 1941
> QST article. I believe that it is back to original shape and
> ready for a shake down cruise.
> Can anyone confirm it is wired correctly?
> Below is a link to the wiring diagram as it now stands.
> http://www.hvinet.com/rjmattson/DC_SW3
> Regards,
> Bob Mattson...W2AMI

Mime-Version: 1.0
Message-Id: <p05200f0aba9ae2e25311@[216.175.87.56]>
Date: Sun, 16 Mar 2003 18:27:26 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>

Subject: Use of switching power supplies near radios
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

>Folks,
>
>Don't go there. It is possible to filter, shield, and enclose such a
>supply for this use but it's ***way*** more trouble than it's worth.
>Linears are the right choice for this use.
>
>I do power supply selection at work, and the virtues of switchers
>are efficiency, low cost, light weight, and, for world-wide use,
>they can be built to run from 85 to 265V (Japanese minimum line
>voltage to 240V maximum voltage. Otherwise they are a pain, for a
>whole pile of reasons. If you have 50 watts of 400V p-p square
>waves with fast rise times into inductive loads happening, you get a
>lot of energy in harmonics, and feeding that output into a device
>which can detect a few microvolts of RF energy is risky. Just carry
>an SW portable over next to your PC and see if you hear anything.
>
>Regards,
>
>Scott

--

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

From: "JAMES T HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: RE: HP712A ps - End of the Story
Date: Sun, 16 Mar 2003 21:47:33 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="-----
=_NextPart_001_0002_01C2EC05.A6A02560"
Message-ID: <BAY4-DAV97Uh7agVXCe0000153a@hotmail.com>

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Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Chuck,

You wrote:

turns out the show stopper is the low voltage transformer T3 - one plate of the 5Y3 is dead on ground, and that's in the same circuit what had the zero ohm 4uf paper capacitor short, so it's understandable collateral damage. Damn. One end measures 0, the center tap 100, and the other end 200 ohms to ground. T3 is one of those things with 8 (count 'em, 8) different secondary windings so would be next to impossible to replace. Maybe the last act of desperation would be to just not use that shorted winding and rig up a small, seperate 800v ct transformer under the chassis? Is that safe to do?
--Chuck

Before you give up, why not try just a half wave rectifier circuit with the shorted end of the winding connected to ground and the former center tap acting as the new high voltage lead. It would potentially have more hum, but you could probably make up for that with a bigger filter capacitor. Put a silicon diode in place of the 5Y3 for an easy trial. It just might work. You have nothing to loose.

Jim, W8KGI

-----=_NextPart_001_0002_01C2EC05.A6A02560
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

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* * * * *
*      ---REMAINDER OF MESSAGE TRUNCATED---      *
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*      (such as an attached file, a v-card, HTML formatting) *
*      Mail Lists at theporch.com only accept PLAIN TEXT      *
*      If your postings display this message your mail program *
*      is not set to send PLAIN TEXT ONLY and needs adjusting *
* * * * *
```

-----=_NextPart_001_0002_01C2EC05.A6A02560--

End of BOATANCHORS Digest 3465
